

O I P E  
JAN 28 2002  
PATENT & TRADEMARK OFFICE

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Masato KOIKE et al.

Serial Number: 09/642,883

Filed: August 22, 2000

For: PLANE DIFFRACTION GRATING BASED ON SURFACE NORMAL ROTATION AND ITS APPLICATION TO AN OPTICAL SYSTEM

**AMENDMENT UNDER 37 CFR §1.111**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 26, 2001 please amend the above-identified application as follows:

**IN THE DRAWINGS:**

Accept the new Figures 4A-4C as shown in the attached Request for Approval of Drawing Corrections.

**IN THE CLAIMS:**

Claims 1, 6 and 11 are amended to read as follows:

1. (Amended) A plane diffraction grating with grooves formed on a surface thereof, the plane diffraction grating being rotated about a rotational axis which is normal to the surface, and being characterized in that a profile of the grooves at a radial area is determined depending on a rotational

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Group Art Unit: 2872

Examiner: A. Chang

#9/A  
Amct  
J. McMillan  
2/6/02

January 28, 2002

APB  
2/6/02